

**DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA**

**SUPPLEMENTAL SPECIFICATION**

**Section 207—Excavation and Backfill for Minor Structures**

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*Delete Subsection 207.3.05.C and substitute the following:*

**C. Backfill**

Obtain backfill materials that meet the Specifications from sources approved by the Engineer.

1. Foundation Backfill Materials, Types I and II

Use the following materials as shown on the Plans or as directed by the Engineer:

- a. Use Type I material in dry structure trenches and Type II material in wet trenches.
- b. Use Type I material as a finishing course for Type II material when permitted by the Engineer.
- c. Backfill excavations beyond the specified limits with the same type of material required for the adjacent area; however, the Department will not measure excess backfill material for payment.
- d. Place Type I and Type II backfill material in layers of no more than 6 in (150 mm) loose.
- e. Compact each layer as follows:
  - 1) Type I Backfill Material: Compact to 95 percent of the theoretical dry density determined by [GDT 7](#).
  - 2) Type II Backfill Material: Compact to a satisfactory uniform density as directed by the Engineer.

2. Imperfect Trench Backfill Material, Type III

Place this material as loose uncompacted backfill over pipe structures as shown on the Plans where imperfect trench backfill is specified.

3. Normal Backfill

Ensure that normal backfill material meets the requirements of [Subsection 810.2.01](#), Class I or II. Class IIIC1 material may be used in Districts 6 and 7. Place and compact according to [Section 208](#) except as follows:

- a. Do not place rock more than 4 inches (100 mm) in diameter within 2 ft (600 mm) of any drainage structure.
- b. For backfill behind retaining walls, use a pervious material that meets the requirements of Case I or Case II as follows:
  - 1) Case I. Case I refers to backfills for retaining walls that support roadbeds and parking areas.  
Ensure that the backfill conforms to [Section 208](#). Do not place rock more than 4 in (100 mm) in diameter within 2 ft (600 mm) of the retaining wall or finished surface.
  - 2) Case II. Case II refers to backfills for retaining walls that do not support roadbeds or parking areas.  
Ensure that the backfill conforms to the requirements of Case I above, except compact the backfill to the density of the adjacent soil.